Pat. No. 05995293 - 7 Group ID: A Issue Date: 08/09/04 User ID: Sxmahon KS: 4,932 Warning [Other Reference Text: Page: 4 Posn:1] Text '+8's and '+9's should be matching pairs Warning [Other Reference Text: Page: 4 Posn: 2] Text '+8's and '+9's should be matching pairs Warning [Other Reference Text: Page: 4 Posn: 3] Text '+8's and '+9's should be matching pairs Warning [Pages Of US References:] page 12 has no references page 13 has no references page 14 has no references page 15 has no references page 16 has no references Warning [Pages Of Foreign References:] page 1 has no references page 4 has no references page 5 has no references page 6 has no references page 7 has no references page 8 has no references page 9 has no references page 10 has no references page 11 has no references page 12 has no references page 13 has no references page 14 has no references page 15 has no references page 16 has no references Warning [Pages Of Other References:] page 1 has no references page 2 has no references page 7 has no references page 8 has no references page 9 has no references

page 10 has no references page 11 has no references page 12 has no references page 13 has no references page 14 has no references page 15 has no references page 16 has no references

Page 1

Group ID: A User ID: Sxmahon

Decady >

Page 1

CHECK LIST Continuing Data Rule 47 PCT Disclaimer No / No No Microfiche Appendix CPA tag No No Foreign Priority Claimed: No Acknowledged: No State Code: Country Code: CAX / Text Endorsement: 09489669.012400 / **JACKET** SERIAL NUMBER FILING DATE -CLASS SUBCLASS GAU 09/489,669 01/24/00 714 799 2133 FOREIGN PRIORITY Country Document Number Date DISCLAIMER / / TITLE Method and system for handling errors MICROFICHE APPENDIX ASSISTANT EXAMINER: First: Middle: Last: Cynthia 6 Britt~ PRIMARY EXAMINER: Middle: First: Last:

Albert /

CLAIMS ALLOWED

Pat. No. 05995293 - 7 Group ID: A Page 2

Issue Date: 08/09/04

User ID: Sxmahon

Total Print 1 16 DRAWINGS Sheets Figures Print 53 ______ BLUE SLIP INFORMATION SERIAL NUMBER CLASS SUBCLASS GAU 09/489,669 714/ 799 2133 INDEP. CLAIMS TOTAL CLAIMS 1,5,14 ______ BLUE SLIP (Page 1) INTERNATIONAL CLASSIFICATION SubClass Class 13/00 H03M < G06F 11/08 1/00 **CROSS-REFERENCES** Class SubClass 370 ______ TERM EXTENSION FIELD OF SEARCH

SubClass

Class

Pat. No. 05995293 - 7

Issue Date: 08/09/04

Group ID: A

User ID: Sxmahon

Page 3

714 799;776;748;704;707;798

370 216;242;389

OATH

INVENTOR NAME

First: Last: Signed:

Branko / Kovacevic / Yes

City: Willowdale /

State: ZIP Code: Country: CAX / Foreign ZIP:

INVENTOR NAME

First: Last: Signed:

Kevork Kechichian Yes

City: Unionville

State: ZIP Code: Country: CAX Foreign ZIP:

PCT INFO

CONTINUING DATA (Page 1)

LINE CODE SERIAL NUMBER FILING DATE STATUS DOCUMENT NO. ISSUE DATE

REFERENCES (Page 1) SERIAL NUMBER: 09/489,669

FORM 892

U.S. REFERENCES

<u>U.S. Pat No.</u> <u>Date Patentee</u> <u>Class SubClass</u> 5,801,781 09/1998 Hiroshima et al.

FOREIGN REFERENCES

Foreign Doc No. Date Country Class SubClass

Group ID: A
User ID: Sxmahon

Page 4

OTHER REFERENCE CITATIONS (incl. Author, Title, Date, Pertinent Pages, etc.) REFERENCES (Page 2) SERIAL NUMBER: 09/489,669 FORM 892 U.S. REFERENCES U.S. Pat No. Date Patentee SubClass Class 12/2002 Sorgi et al. *6,493,847 714 800 , No issue date available. FOREIGN REFERENCES Foreign Doc No. Class Date Country SubClass 09/1999 EPX H04N/ 7/24 942603 A2 OTHER REFERENCE CITATIONS (incl. Author, Title, Date, Pertinent Pages, etc.) REFERENCES (Page 3) SERIAL NUMBER: 09/489,669 FORM 892 U.S. REFERENCES U.S. Pat No. Date Patentee Class SubClass 5,742,623 04/1998 Nuber et al. 714 5,948,119 09/1999 Bock et al. 752 714/ 5,768,292 06/1998 Galbi 4 714 747 5,703,887 / 12/1997 Heegard et al. 775 714 10/1995 Wasilewski et al. 5,457,701 776 *6,336,200 01/2002 Wolfgang 752 No issue date available. 247 5,778,191 07/1998 Levine et al. *6,226,769 05/2001 Schuster et al. 714 752 No issue date available.

| FOREIGN | REFERENCES | | | |
|---------|------------|----------------|-------|----------|
| Foreign | Doc No. | Date / Country | Class | SubClass |
| | | | | |
| 1014730 | A1 / | 06/2000 EPX / | H04J | 3/24 |

Pat. No. 05995293 - 7

Issue Date: 08/09/04

Group ID: A User ID: Sxmahon

Page 5

OTHER REFERENCE CITATIONS (incl. Author, Title, Date, Pertinent Pages, etc.)

Bolot, Jean-Chyrsostome et al., +37 Adaptive Error Control for Packet

Video in the Internet+38 , Proceedings of IEEE International

Conference on Image Processing, Sep., 1996.

+37 Error Concealment for MPEG Video Transmissions+38 +0 Jian Feng;

Kwok-Tung Lo; Mehrpour, H. Consumer Electronics, IEEE Transactions on,

vol.: 43 Issue: 2, May 1997 pp:183-187.

REFERENCES (Page 4) SERIAL NUMBER: 09/489,669 FORM 1449

01/2001 Jolitz et al.

*6,173,333

No issue date available.

| U.S. REFERENCES U.S. Pat No. | <u>Date</u> | Patentee | <u>Class</u> | SubClass |
|----------------------------------|---------------------|---------------------|--------------|----------|
| 5,506,904 | 04/1996 | Sheldrick et al. | | |
| 5,841,472 | 11/1998 | Rim et al. | | |
| 5,859,660 | 01/1999 | Perkins et al. | | |
| 5,917,830 🖊 | 06/1999 | Chen et al. | | |
| 5,982,436 | 11/1999 | Balakrishnan et al. | | |
| *6,038,000 / No issue date av | | Hurst, Jr. | | |
| *6,067,303 / No issue date av | | Aaker et al. | | |
| *6,108,046 No issue date av | | Wu et al. | | |
| *6,134,272 No issue date av | 10/2000 ailable. | Rim | | |
| *6,141,358 No issue date av | | Hurst, Jr. et al. | | |

Pat. No. 05995293 - 7 Group ID: A Page 6 Issue Date: 08/09/04 User ID: Sxmahon *6,181,713 01/2001 Patki et al. No issue date available. *6,188,703 **/** 02/2001 Dobson et al No issue date available. *6,223,211° 04/2001 Hamilton et al. No issue date available. FOREIGN REFERENCES Country Class SubClass Foreign Doc No. Date OTHER REFERENCE CITATIONS (incl. Author, Title, Date, Pertinent Pages, etc.) Zhigang Chen, et al., +37 Real Time Video and Audio in the World Wide Web, +38 +0 18 pp. +8 online+9 +0 (8) Retrieved from the Internet Oct. (8)30, 2002 at URL+21 http://www.geckil.com/+18 harvest/mirror/www.w3.org/Conferences/WWW4/papers/p211/+22 . J. Civanlar, et al., +37 RTP Payload Format for Bundled MPEG,+38 +0 May 1998, 8 pp. +8 online+9 +0 (8) Retreived from the Internet Oct. 30 2002 +0 +169 +0 URL +21 http://www.geckil.com/+18 harvest rfc/rfc2343.txt+22 D. Hoffman, et al., +37 TEP Payload Format for MPEG1/MPEG2 Video,+38 +0 Jan. 1998 +8 online+9 +0 (48) Retrieved from the Internet Oct. 30, 2002 +169 +0 URL +21 http://www.geckil.c6bm/+18 harvest/rfc/rfc2250.txt+22 . . REFERENCES (Page 5) SERIAL NUMBER: 09/489,669 FORM 1449

Patentee

05/2001 Chauvel et al.

Date

SubClass

Class

U.S. REFERENCES

No issue date available.

U.S. Pat No.

*6,226,291

Group ID: A Page 7

Pat. No. 05995293 - 7

Issue Date: 08/09/04

User ID: Sxmahon

*6,275,507 08/2001 Anderson et al. No issue date available. 10/2001 Canfield et al. *6,310,922 No issue date available. *6,323,910 11/2001 Clark, III No issue date available. *6,333,938 **/** 12/2001 Baker No issue date available *6,351,471 02/2002 Robinett et al. No issue date available. 03/2002 Anderson et al. *6,356,567 No issue date available. *6,359,911 03/2002 Movshovich et al. No issue date available. *6,378,035 04/2002 Parry et al. No issue date available. *6,380,991 04/2002 Teichmer No issue date available. *6,414,954 07/2002 Miyamoto No issue date available. *6,424,658 07/2002 Mathur No issue date available. *6,425,021 07/2002 Ghodrat et al. No issue date available. *6,427,169 07/2002 Elzur No issue date available. FOREIGN REFERENCES Foreign Doc No. Country Class SubClass Date OTHER REFERENCE CITATIONS (incl. Author, Title, Date, Pertinent Pages, etc.) Le Gull, +37 MPEG: Video Compression Standard for Multimedia Applications, +38 +0 Communications of the ACM, Apr. 1991, vol. 34, No.

4, pp. 47-58.

Page 8

Pat. No. 05995293 - 7 Issue Date: 08/09/04 Group ID: A User ID: Sxmahon

REFERENCES (Page 6) SERIAL NUMBER: 09/489,669 FORM 1449

U.S. REFERENCES SubClass U.S. Pat No. Patentee Class Date *6,434,146 08/2002 Movshovich et al. No issue date available. 08/2002 Movshovich et al. *6,434,170 No issue date available. *6,449,656 09/2002 Elzur et al. No issue date available. *6,463,486 10/2002 Parry et al. No issue date available. 5,831,690 11/1998, Lyons et al. *6,181,706 01/2001 Anderson et al. No issue date, available. *6,269,107 07/2001 Jong No issue date available. *6,438,145 08/2002 Movshovich et al. No issue date available. FOREIGN REFERENCES Foreign Doc No. Date Country Class SubClass OTHER REFERENCE CITATIONS (incl. Author, Title, Date, Pertinent Pages, etc.) Wenw Zhu et al., +37 End-to-end Modeling and Simulation of MPEG-2 Transport Streams over ATM Networks with Jitter,+38 +0 1998 IEEE Transactions on Circuits and Systems for Video Technology, vol. 8, No. 1, FEb. 1998, pp. 9-12. A. Kassler, O. Schirpf, +37 Simulating MPEG-2 Transport Stream — Transmission over Wireless ATM, +38 +0 1999 IEEE, 0-7803-5041-3/99, pp. -3057-3060.

REFERENCES (Page 7) SERIAL NUMBER: 09/489,669 FORM 1449

| U.S. Pat No. | Date | Patentee | Class | SubClass |
|--------------|---------|-------------------|-------|----------|
| 5,521,927 | 05/1996 | Kim et al. | | |
| 5,598,415 | 01/1997 | Nuber et al. | | |
| 5,691,664 | 11/1997 | Anderson et al. | | |
| 5,726,989 / | 03/1998 | Dokic | | |
| 5,754,783 | 05/1998 | Mendelson et al. | | |
| 5,805,602 | 09/1998 | Cloutier et al. | | |
| 5,809,538 | 09/1998 | Pollmann et al. | | |
| 5,812,760 | 09/1998 | Mendenhall et al. | | |
| 5,812,976 | 09/1998 | Ryan | | |

FOREIGN REFERENCES

Foreign Doc No. Date Country Class SubClass

OTHER REFERENCE CITATIONS (incl. Author, Title, Date, Pertinent Pages, etc.)

REFERENCES (Page 8) SERIAL NUMBER: 09/489,669 FORM 1449

| U.S. REFERENCES | | | | |
|-----------------|---------|--------------|-------|----------|
| U.S. Pat No. | Date | Patentee | Class | SubClass |
| 5,828,416 | 10/1998 | Ryan | | |
| 5,835,493 | 11/1998 | Magee et al. | | |
| 5,856,973 | 01/1999 | Thompson | | |
| 5,936,640 | 08/1999 | Horan et al. | | |
| 5,946,318 | 08/1999 | Post | | |
| 5,990,958 | 11/1999 | Bheda et al. | | |
| *6,058,459 | 05/2000 | Owen et al. | | |

Group ID: A User ID: Sxmahon

No issue date available. *6,118,462 09/2000 Margulis No issue date available *6,128,026 10/2000 Brothers, III No issue date available. *6,157,674 12/2000 Oda et al. No issue date available. *6,233,256 05/2001 Dieterich et al. No issue date available. *6,236,432 05/2001 Lee / No issue date available, *6,285,408 09/2001 Choi et al. No issue date available. *6,292,490 09/2001 Gratacap et al. No issue date available *6,310,652 **/** 10/2001 Li et al. No issue date available. *6,310,898 10/2001 Schwartz -No issue date available, *6,330,285 **/** 12/2001 Crosby et al. No issue date available ***6,449,352** 09/2002 Takahashi et al. No issue date available. *6,463,059 10/2002 Movshovich et al. No issue date available. *6,512,775 / 01/2003 Eleftheriades et al. No issue date available. *6,526,175 T 02/2003 Sodagar et al. No issue date available. *6,557,031 V 04/2003 Mimura et al. No issue date available. *6,567,471 05/2003 Yoshinari No issue date available.

06/2003 Crinon

*6,573,942

Pat. No. 05995293 - 7 Group ID: A

Issue Date: 08/09/04 User ID: Sxmahon

No issue date available.

*6,621,870 09/2003 Gordon et al.

No issue date available,

*6,538,999 / 03/2003 Sato

No issue date available

*<8,19>6,463,059 10/2002 Movshovich et al.

No issue date available.

*<8,26>6,538,999 03/2003 Sato

No issue date available.

*<8,22>6,557,031 04/2003 Mimura et al.

No issue date available.

*<8,23>6,567,471 05/2003 Yoshinari

No issue date available.

*<8,24>6,573,942 06/2003 Crinon

No issue date awailable.

*<8,25>6,621,870 09/2003 Gordon et al.

No issue date available

*6,529,550 03/2003 Tahara et al.

No issue date available.

*6,301,248 / 10/2001 Jung et al.

ر No issue date available

*6,298,089 10/2001 Gazit

No issue date available

*6,275,534 08/2001 Shiojiri

No issue date available.

FOREIGN REFERENCES

Foreign Doc No. Date Country Class SubClass

OTHER REFERENCE CITATIONS (incl. Author, Title, Date, Pertinent Pages, etc.)

REFERENCES (Page 9) SERIAL NUMBER: 09/489,669

FORM 1449

U.S. REFERENCES

U.S. Pat No. Date Patentee

Class SubClass

Page 11

```
Issue Date: 08/09/04
                                        User ID: Sxmahon
 5,392,212
               02/1995 Geist
 5,517,250 🕢
               05/1996 Hoogenboom et al.
 5,534,944
               07/1996 Egawa et al.
 5,559,999
               09/1996 Maturi et al.
 5,668,490
               09/1997 Mitra et al.
               12/1997 Nuber et al.
 5,703,877
 5,838,678
               11/1998 Davis et al.
               05/1999 Lee et al.
 5,901,178
               07/1999 Washington et al.
 5,920,572
 5,923,860
               07/1999 Olarig /
 5,949,436
               09/1999 Horan et al.
FOREIGN REFERENCES
                       Country
                                 Class
                                         SubClass
Foreign Doc No.
                Date
OTHER REFERENCE CITATIONS (incl. Author, Title, Date, Pertinent Pages, etc.)
_______
REFERENCES (Page 10) SERIAL NUMBER: 09/489,669
FORM 1449
U.S. REFERENCES
                                                       SubClass
U.S. Pat No.
              Date
                      Patentee
                                               Class
 2003/0206605
              11/2003 Anderson 1
FOREIGN REFERENCES
Foreign Doc No.
                       Country
                                 Class
                                         SubClass
                Date
OTHER REFERENCE CITATIONS (incl. Author, Title, Date, Pertinent Pages, etc.)
______
REFERENCES (Page 11) SERIAL NUMBER: 09/489,669
FORM 1449
U.S. REFERENCES
                                                       SubClass
U.S. Pat No.
                                               Class
               Date
               10/2000 Wine et al.
```

Pat. No. 05995293 - 7

Page 12

Group ID: A

Pat. No. 05995293 - 7 Group ID: A Page 13

Issue Date: 08/09/04

User ID: Sxmahon

No issue date available.

*6.122.123 09/2000 Saeijs et al.

No issue date available

*6,064,236 05/2000 Kuwata et al.

No issue date available

*6,043,828 03/2000 Ort

No issue date available.

5,959,659 09/1999 Dokic

FOREIGN REFERENCES

Foreign Doc No. Date Country Class SubClass

OTHER REFERENCE CITATIONS (incl. Author, Title, Date, Pertinent Pages, etc.)

REFERENCES (Page 12) SERIAL NUMBER: 09/489,669

FORM 1449

U.S. REFERENCES

U.S. Pat No. Class SubClass Date Patentee

FOREIGN REFERENCES

Foreign Doc No. Country Class SubClass Date

OTHER REFERENCE CITATIONS (incl. Author, Title, Date, Pertinent Pages, etc.)

REFERENCES (Page 13) SERIAL NUMBER: 09/489,669

FORM 1449

U.S. REFERENCES

U.S. Pat No. Class SubClass Date Patentee

FOREIGN REFERENCES

Class SubClass Foreign Doc No. Date Country

OTHER REFERENCE CITATIONS (incl. Author, Title, Date, Pertinent Pages, etc.)

REFERENCES (Page 14) SERIAL NUMBER: 09/489,669~

FORM 1449

U.S. REFERENCES

U.S. Pat No. Patentee Date

Class SubClass

Group ID: A

Page 14 User ID: Sxmahon

FOREIGN REFERENCES

Country Class SubClass Foreign Doc No. Date

OTHER REFERENCE CITATIONS (incl. Author, Title, Date, Pertinent Pages, etc.)

REFERENCES (Page 15) SERIAL NUMBER: 09/489,669

FORM 1449

U.S. REFERENCES

U.S. Pat No. Date Patentee Cla<u>s</u>s SubClass

FOREIGN REFERENCES

Foreign Doc No. Date Country Class SubClass

OTHER REFERENCE CITATIONS (incl. Author, Title, Date, Pertinent Pages, etc.)

REFERENCES (Page 16) SERIAL NUMBER: 09/489,669

FORM 1449

U.S. REFERENCES

U.S. Pat No. Date Patentee Class SubClass

FOREIGN REFERENCES

Foreign Doc No. Date Country Class SubClass

OTHER REFERENCE CITATIONS (incl. Author, Title, Date, Pertinent Pages, etc.)
